

PROJECT: TYPE:

LOCATION: CAT:



Description

Versatile and affordable high performance LED remodel downlight that includes a remote driver housed in an attached junction box and spring loaded mounting clips for ease of installation

Features

- Each fixture includes a remote driver housed in an attached junction box with two knockouts
- No recessed housing/can required.; Fixture utilizes spring-loaded mounting clips for ease of installation
- Rough-in plates available for new construction
- Metal core PCB with enhanced aluminum heat sink
- Stamped aluminum trims with durable baked enamel finish
- Deep regression for more evenly distributed light (low-glare)
- Frosted polycarbonate lens diffuses light
- cETLus Listed for Type IC and wet locations

Mounting

Remodel: Spring loaded mounting clips for direct installation

Applications

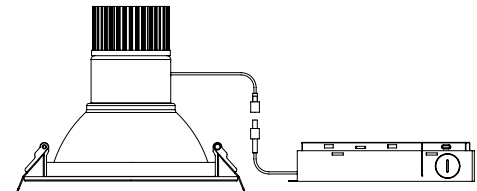
General Lighting LED Remodel;
Rough-in plates available for new construction (sold separately)

Technical Information



Size	6"	6"
Voltage	120V AC, 50/60Hz	120-277V AC
Finish	White	Alzak
CCT	3000K	4000K
Series	EM6-30-WH	EM6-40-AZ
Lumens	1750lm	2000lm
Wattage	25W	23.8W
CRI	92+	
Inset	Smooth	
Beam Angle	44°	38°
Dimming	10-100% (TRIAC, CL, ELV)	0-10V (120-277V)
Operating Temp.	-13°F to 104°F (-25°C to 40°C)	
Rating	Energy Star; cETLus Listed; Type IC; Wet location	
Rated Life	50,000 Hours	

Dimensions



EM6

- Trim Dia: 7.62" (193mm)
- Inner Trim Dia: 5.7" (145mm)
- Regression to lens: 2.6" (68mm)
- Lens Width: 2.6" (68mm)
- Overall Depth: 6.5" (165mm)
- Cut out Dia: 6.75" (171.5mm)

Junction Box

- Length: 7.37" (187mm)
- Width: 3.41" (86mm)
- Height: 1.37" (35mm)
- (4) 0.875" Knockout
- Wire compartment (58.5mm x 82mm)

Ordering Information

120V AC 60Hz EM Remodel

PRODUCT: **EM6** — CCT: **30** — FINISH: **WH**
EM6 = 6" Remodel Downlight 30 = 3000K WH = White

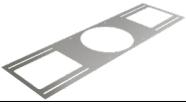

120-277V AC EM Remodel

PRODUCT: **EM6** — CCT: **40** — FINISH: **AZ**
EM6 = 6" Remodel Downlight 40 = 4000K AZ = Alzak

EM Series Remodel Downlights Include:

(1) Epiq Mag Remodel Downlight with remote driver + attached junction box and spring loaded mounting clips

Accessories

Image	Part Number	Description
	RP-E6/M6	6" Epiq-Mag Aluminum rough-in plate for new construction; 26"L x 7-1/2"W with 6-3/4" Dia. cut-out
	E56-RING-WH E56-RING-DB	5-6" extender ring for Epiq56 downlights; White or Dark Bronze; 6.5" inner diameter with 8" outer diameter

Compatible Dimmers

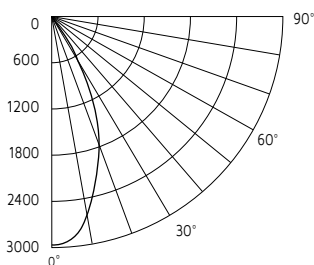
Brand	Model #	Type	Dimming Range	Notes
Lutron® Diva	DVCL-153P	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Toggler	TGCL-153PH	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Skylark	SELV-300P	Electronic Low-Voltage (ELV)	10-100%	For 120V AC dimming operation
Lutron® Diva	DV-600P	Incandescent	10-100%	For 120V AC dimming operation
Leviton® Sureslide	6674	Universal (CFL/LED/Incandescent)	10-100%	For 120V AC dimming operation
Lutron® Diva	DVSTV	0-10V	10-100%	For 0-10V dimming (120-277V) only
Leviton®	IP710-DLZ	0-10V	10-100%	For 0-10V dimming (120-277V) only
Arrow/Hart®	DF10P-C4	0-10V	10-100%	For 0-10V dimming (120-277V) only

Minimum loads may apply. Dimmer performance may vary in field application due to unknown external factors. Dimmers not included on the chart above are not necessarily incompatible; they have yet to be fully evaluated. Please reference dimmer manufacturer's instructions for more detailed information regarding performance and compatibility.

Photometrics

PHOTOMETRIC DATA

Photometric Diagram



EM6-30-WH Summary

Test voltage:	120.02V
Luminous flux:	1779.8Lm
Input power:	25.12W
Luminous efficacy:	70.85
Power factor:	0.951
Maximum intensity:	2858.2cd
Beam angle:	44.5°
Spacing criteria:	1.78

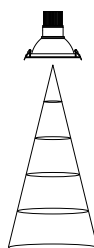
Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30°	1382.4	77.7
0-40°	1615.3	90.8
0-60°	1701.3	95.6
0-90°	1779.8	100.0
90-180°	0	0.0
0-180°	1779.8	100.0

Candela Distribution

Angle	Average Candelas
0°	2858
5°	2748
15°	2080
25°	1215
35°	312
45°	58
55°	36
65°	32
75°	28
85°	21

Initial Footcandles



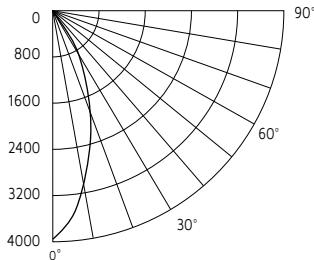
Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
6 feet	79.4	4.9
8 feet	44.7	6.5
10 feet	28.6	8.2
12 feet	19.8	9.8
14 feet	14.6	11.5



Photometrics Continued...

PHOTOMETRIC DATA

Photometric Diagram



EM6-40-AZ Summary

Test voltage:	120.04V
Luminous flux:	2007.2Lm
Input power:	23.78W
Luminous efficacy:	84.41
Power factor:	0.987
Maximum intensity:	3983.7cd
Beam angle:	38.8°
Spacing criteria:	2.01

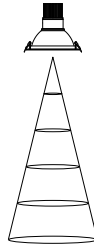
Zonal Lumen Summary

Zone	Lumens	%Fixture
0-30°	1656.9	82.5
0-40°	1878.2	93.6
0-60°	1939.0	96.3
0-90°	2007.2	100.0
90-180°	0	0.0
0-180°	2007.2	100.0

Candela Distribution

Angle	Average Candelas
0°	3983
5°	3658
15°	2465
25°	1382
35°	237
45°	43
55°	28
65°	25
75°	24
85°	21

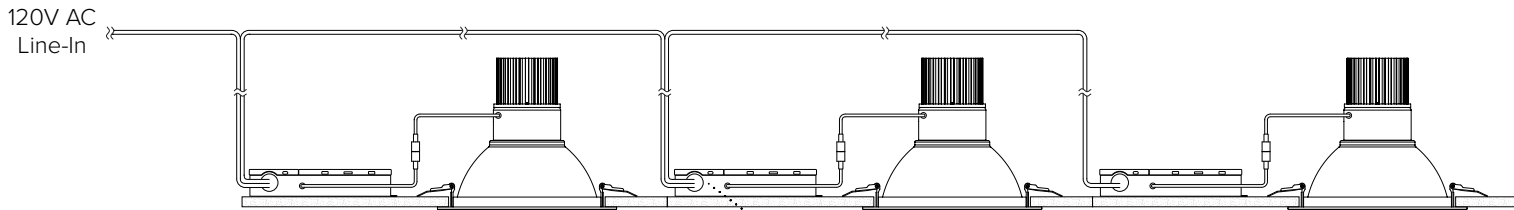
Initial Footcandles



Distance to Illuminated Plane	Footcandles (at beam center)	Beam Diameter (feet)
6 feet	110.7	4.2
8 feet	62.2	5.6
10 feet	39.8	7.0
12 feet	27.7	8.5
14 feet	20.3	9.9

Additional Information

Model	Cut-out Size	Minimum Height Requirement	Location
EM6	6-3/4" (171.5mm)	6-1/2"	Indoor/Outdoor Dry, damp, or wet location



Each fixture includes a remote driver housed in an attached junction box with two knockouts (each driver is rated for use with the fixture it was included with)

NOTES
